November 13, 2007

Ms. Donna Drogos
Alameda County Environmental Health
1131 Harbor Parkway, Suite 250
Oakland, CA 94502-6577

Subject: **Third Quarter 2007 Groundwater Monitoring Report**
Stop 'N' Save
20570 Stanton Avenue, Castro Valley, Alameda County, California
Apex Project No. STS08.001
RO0000179

Ms. Drogos:

Enclosed, please find a copy of the October 30, 2007 Third Quarter 2007 Monitoring Report for the above referenced site, prepared by our consultant, Apex Envirotech, Inc.

I declare, under penalty and perjury, that the information and/or recommendations contained in this report are true and correct to the best of my knowledge.

Sincerely,

Sean Kapoor

APEX ENVIROTECH, INC.

3446 N. Golden State Blvd., Suite C • Turlock, CA 95382
Phone: 209.667.6874 • Fax: 209.667.9668

October 30, 2007

Ms. Donna Drogos
Alameda County Health Care Services Agency
1131 Harbor Parkway, Suite 250
Oakland, California 94502-6577

Subject: **Third Quarter 2007 Groundwater Monitoring Report**
Stop 'N' Save
20570 Stanton Avenue, Castro Valley, Alameda County, California
Apex Project No. STS08.001

Dear Ms. Drogos:

Apex Envirotech, Inc. (Apex) has been authorized by Stop 'N' Save (SNS) to provide this report documenting the third quarter groundwater monitoring event conducted September 28, 2007. Groundwater monitoring results are provided in the attached figures and tables. Apex standard operating procedures, field data, and analytical results are provided as appendices.

This report is based, in part, on information obtained by Apex from SNS and Enviro Soil Tech Consultants (ESTC), and is subject to modification as newly acquired information may warrant.

SITE DESCRIPTION

The site is located at 20570 Stanton Avenue, Castro Valley, Alameda County, California (Figure 1). The site is situated in a commercial and residential area and is currently being used as a convenience store.

BACKGROUND

February 24, 2000 – Two 10,000-gallon gasoline underground storage tanks (USTs) were removed by Johnson Tank Testing and Maintenance. Results are detailed in ESTC's report titled *Soil Sampling Beneath Removed USTs*, dated March 8, 2000.

May 18, 2000 – ETSC submitted their *Proposed Work Plan for Preliminary Site Assessment.*

July 25 and 26, 2000 – ESTC over-excavated and treated by bio-remediation 150 cubic yards of contaminated soil in the vicinity of former UST areas. Results of the bio-remediation activities are detailed in ESTC's *Interim Corrective Action*, dated August 17, 2000. Results of the sampling and disposal activities are detailed in ETCS's *Soil Sampling, Treatment and Disposal*

of Contaminated Stockpiled Soi, dated August 21, 2000.

September 2000 – ESTC performed a preliminary soil and groundwater assessment of the subject property. Results are detailed in their report *Preliminary Soil and Groundwater Assessment*, dated October 13, 2000.

September 2007 – Apex was contracted by SNS to bring the site into compliance with all regulatory agencies.

GENERAL SITE INFORMATION

Site name:	Stop 'N' Save
Site address:	20570 Stanton Avenue, Castro Valley, California
Current property owner:	Stop 'N' Save, Inc.
Current site use:	Active gasoline station
Current phase of project:	Groundwater monitoring
Tanks at site:	3 USTs
Number of wells:	3 groundwater monitoring wells

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date:	September 28, 2007
Wells gauged and sampled:	SMW-1, SMW-2, and SMW-3
Wells gauged only:	None
Groundwater flow direction:	Northeast
Groundwater gradient:	0.0133 ft/ft
Floating liquid hydrocarbon:	None
Laboratory:	Argon Laboratories, Ceres, California

ANALYSIS PERFORMED:

Analysis	Abbreviation	Designation	USEPA Method No.
Total Petroleum Hydrocarbons as Gasoline	TPHg	Gas Range Hydrocarbons	8260B
Benzene	BTEX	Aromatic Volatile Organics	
Toluene			
Ethylbenzene			
Xylenes (Total)			
Tertiary Butyl Alcohol	TBA	Five Fuel Oxygenates	
Methyl Tertiary Butyl Ether	MTBE		
Di-isopropyl Ether	DIPE		
Ethyl Tertiary Butyl Ether	ETBE		
Tertiary Amyl Methyl Ether	TAME		
1,2-Dichloroethane	1,2-DCA	Lead Scavengers	
Ethylene dibromide	EDB		

Analytical data for water samples are summarized in Table 3. Copies of the laboratory analytical report and Chain-of-Custody (COC) forms are included in Appendix C.

MODIFICATIONS FROM STANDARD MONITORING PROGRAM:

None

CONCLUSIONS

According to analytical data, monitoring well STMW-1 reported above laboratory detection limits for TPHg, BTEX, MTBE, and TBA. Monitoring well STMW-2 reported above laboratory detection limits for MTBE only and monitoring well STMW-3 reported below laboratory detection limits for analyzed constituents.

RECOMMENDATIONS

Apex will continue quarterly groundwater monitoring. The next quarterly sampling event is scheduled for December 2007.

APPENDICES:

Figure 1: Site Vicinity Map
Figure 2: Site Plan Map
Figure 3: Groundwater Contour Map: September 28, 2007
Figure 4: TPHg in Groundwater Isoconcentration Map: September 28, 2007
Figure 5: Benzene in Groundwater Isoconcentration Map: September 28, 2007
Figure 6: MTBE in Groundwater Isoconcentration Map: September 28, 2007

Table 1: Well Construction Details
Table 2: Groundwater Elevation Data
Table 3: Groundwater Analytical Data

Appendix A: Apex Standard Operating Procedures
Appendix B: Field Data Sheets
Appendix C: Laboratory Analytical Reports and COC Forms

REPORT DISTRIBUTION

Apex submitted a copy of this Report to:

Regulatory Oversight:

Ms. Donna Drogos
Alameda County Health Care Services Agency
1131 Harbor Parkway, Suite 250
Oakland, California 94502-6577

Mr. Chuck Headless
San Francisco Bay RWQCB
1515 Clay Street, Suite 1400
Oakland, CA 94612

Responsible Party: Mr. Sean Kapoor

REMARKS/SIGNATURES

The information contained within this report reflects our professional opinions and was developed in accordance with currently available information, and accepted hydrogeologic and engineering practices.

The work described above was performed under the direct supervision of the professional geologists, registered with the State of California, whose signatures appear below.

We appreciate the opportunity to provide SNS geologic, engineering and environmental consulting services, and trust this report meets your needs. If you have any questions or comments, please call us at (209) 667-6874.

Sincerely,

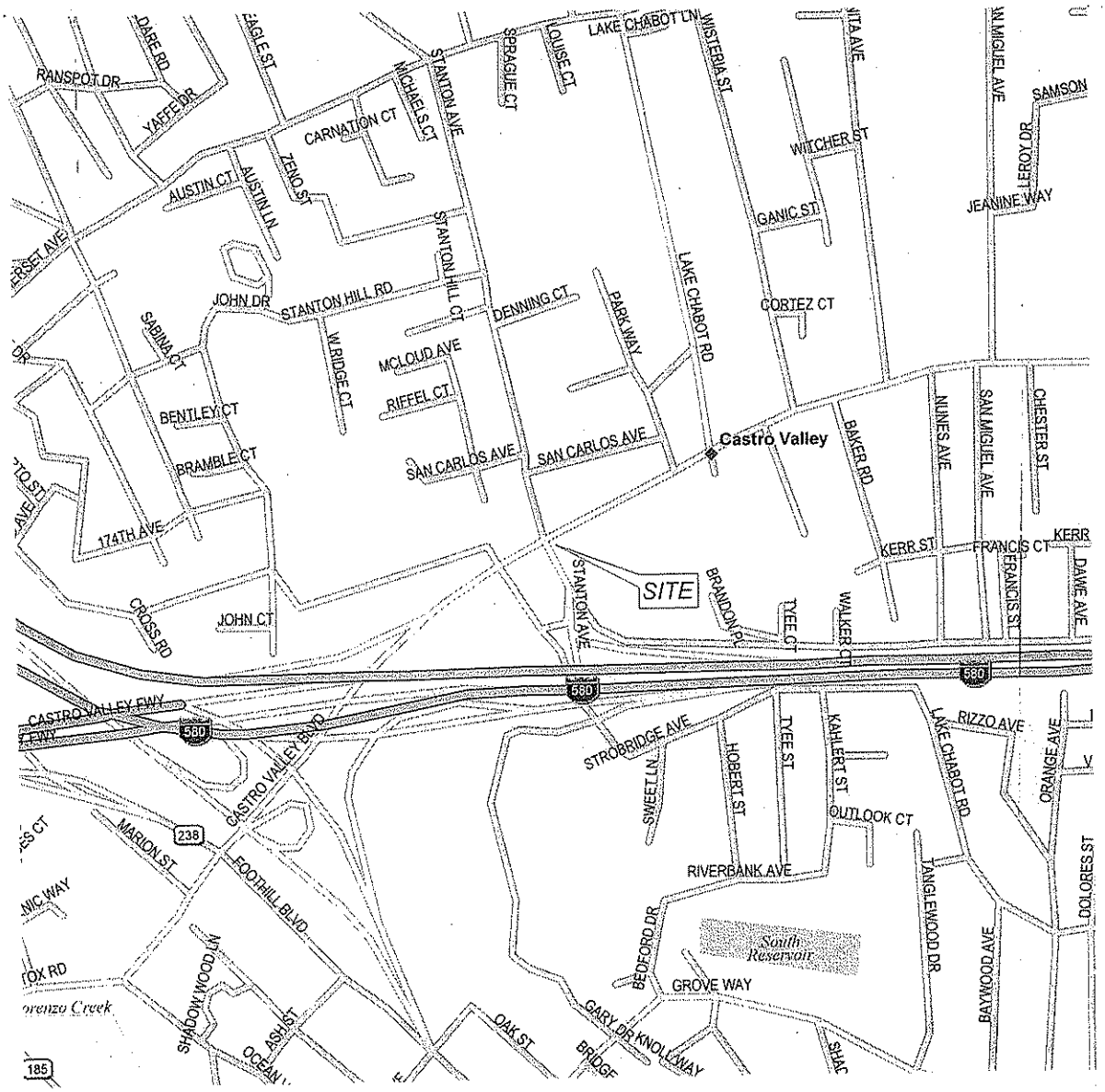
APEX ENVIROTECH, INC.

for:

Drew Van Allen
Senior Project Manager

Michael S. Sgourakis, P.G.
Senior Geologist
PG No. 7194

FIGURES

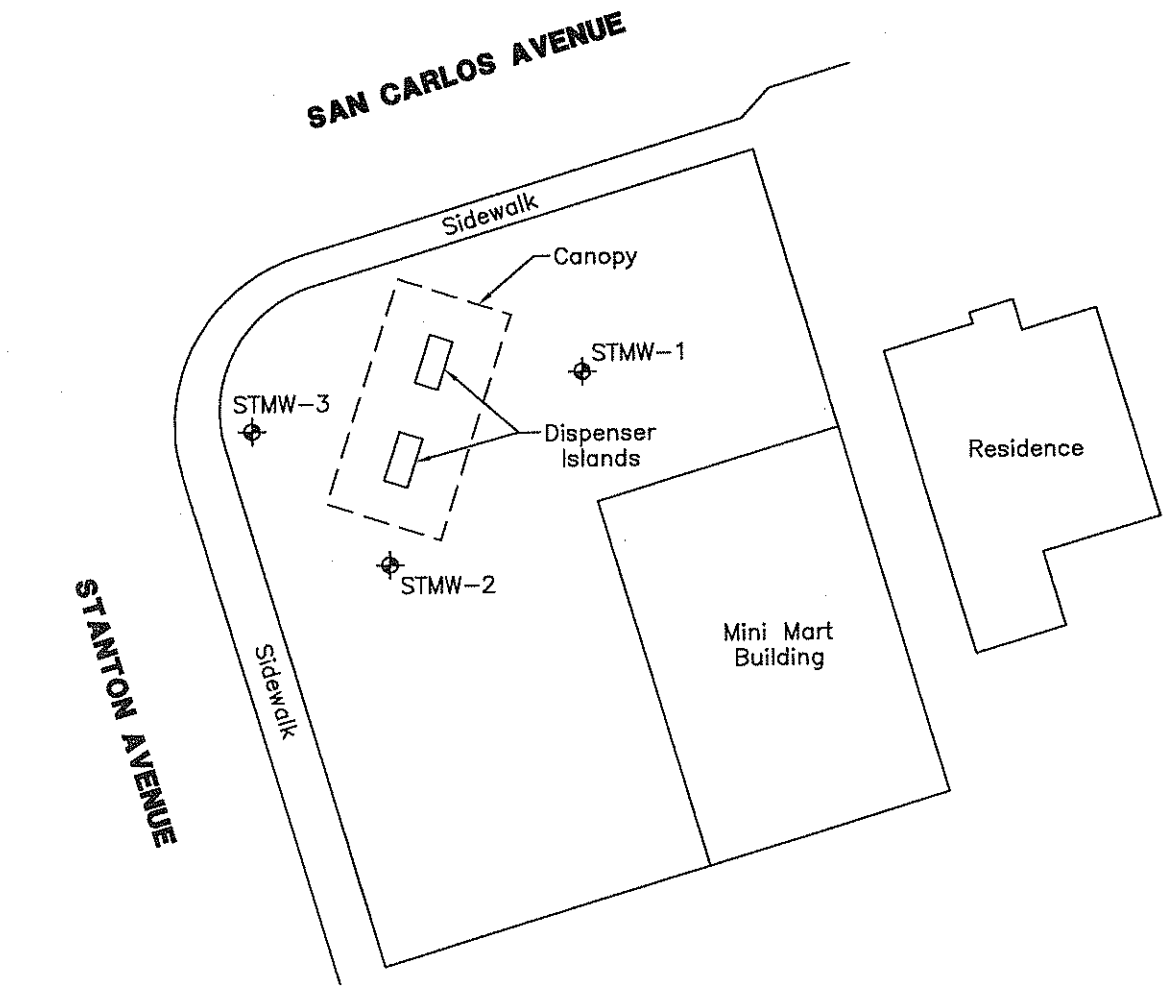


0 1,000 2,000

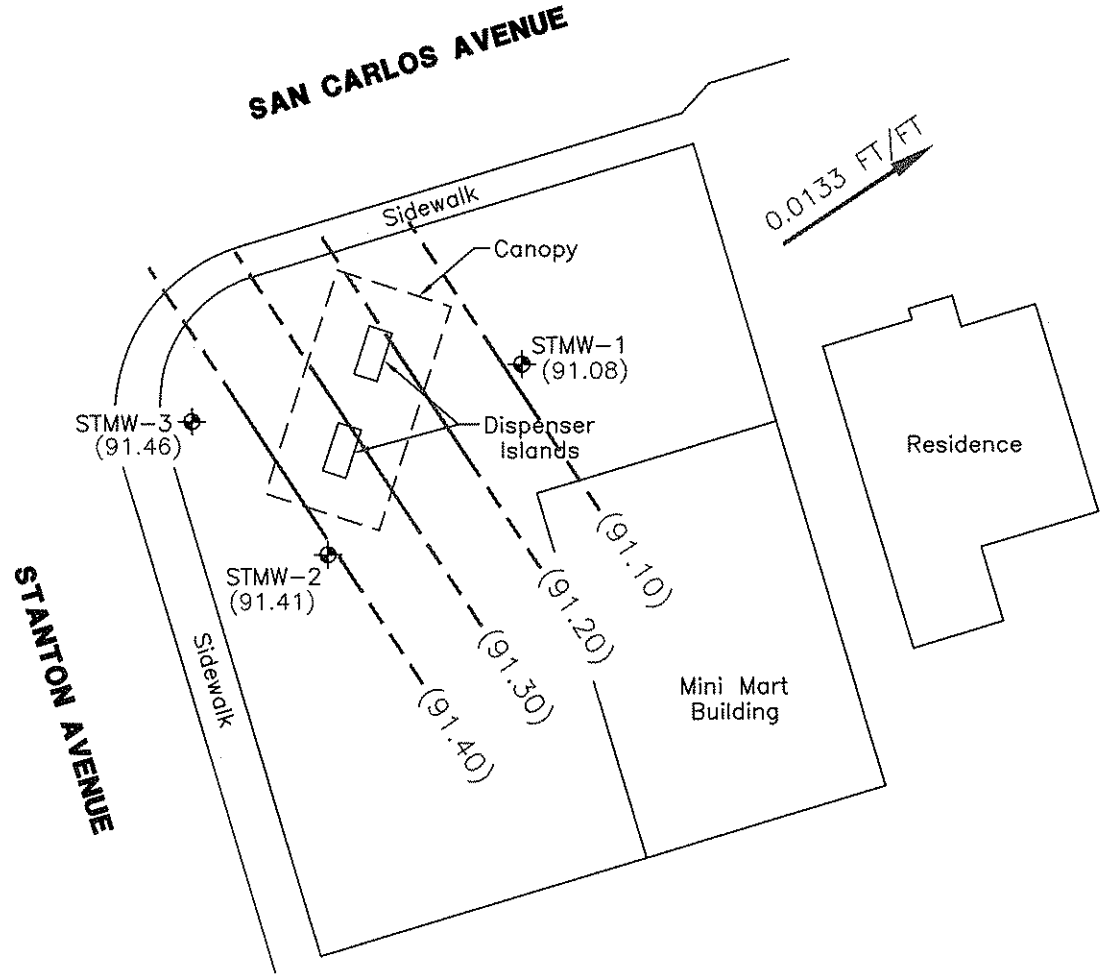
Approximate Scale
1 inch = 1,000 feet

N

APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 10/29/07 REVISIONS	**SITE VICINITY MAP**	FIGURE 1
		Stop 'N' Save 20570 Stanton Avenue Castro Valley, California	PROJECT NUMBER: STS08.001



APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 10/26/07 REVISIONS	**SITE PLAN MAP** Stop 'N' Save 20570 Stanton Avenue Castro Vallley, California	FIGURE **2** PROJECT NUMBER: STS08.001



LEGEND

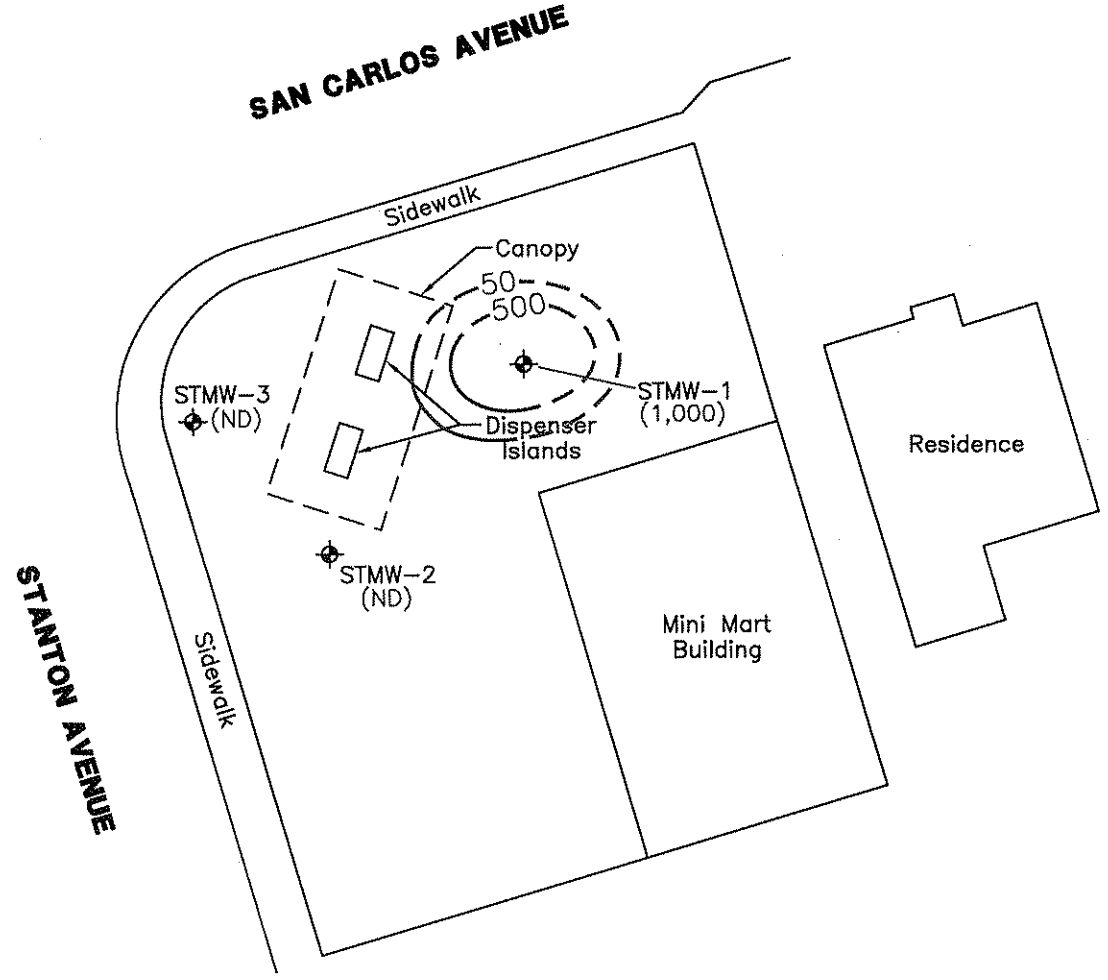
- Monitoring Well Location
- (91.40) Groundwater Contour Line; Dashed Where Inferred (Contour Interval = 0.10 ft.)
- 0.0133 FT/FT Approximate Groundwater Gradient And Flow Direction

N

0 30 60

Approximate Scale
1 inch = 30 feet

APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 10/29/07 REVISIONS	**GROUNDWATER CONTOUR MAP: SEPTEMBER 28, 2007** Stop 'N' Save 20570 Stanton Avenue Castro Vallley, California	FIGURE **3** PROJECT NUMBER: STS08.001



LEGEND

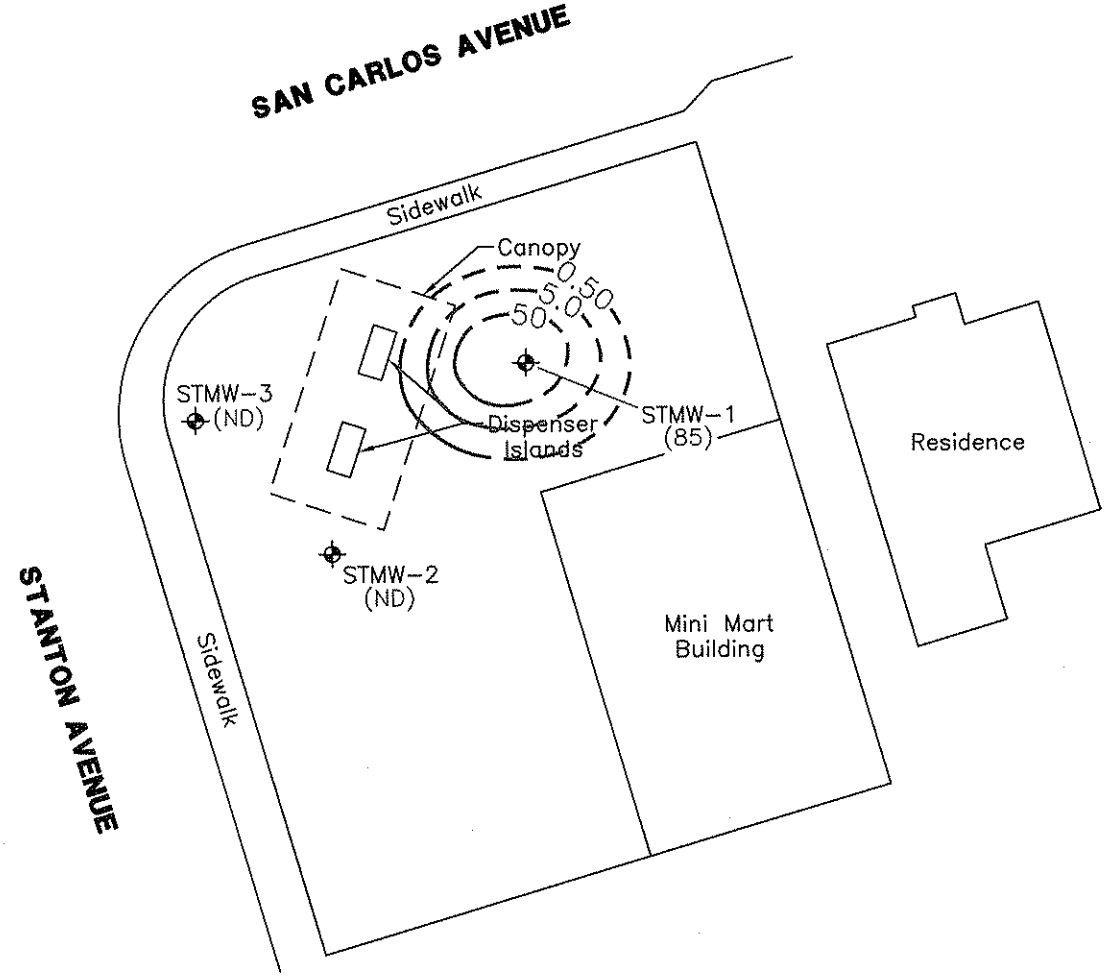
- ⌖ Monitoring Well Location
- (1,000) Concentration Of TPHg In Groundwater Measured In ug/L
- —500— Line Of Equal Concentration Of TPHg In Groundwater Measured In ug/L; Dashed Where Inferred
- (ND) Not Detected

N

0 30 60

Approximate Scale
1 inch = 30 feet

APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 10/29/07 REVISIONS	**TPHg IN GROUNDWATER ISOCONCENTRATION MAP: SEPTEMBER 28, 2007** Stop 'N' Save 20570 Stanton Avenue Castro Vallley, California	FIGURE **4** PROJECT NUMBER: STS08.001



LEGEND

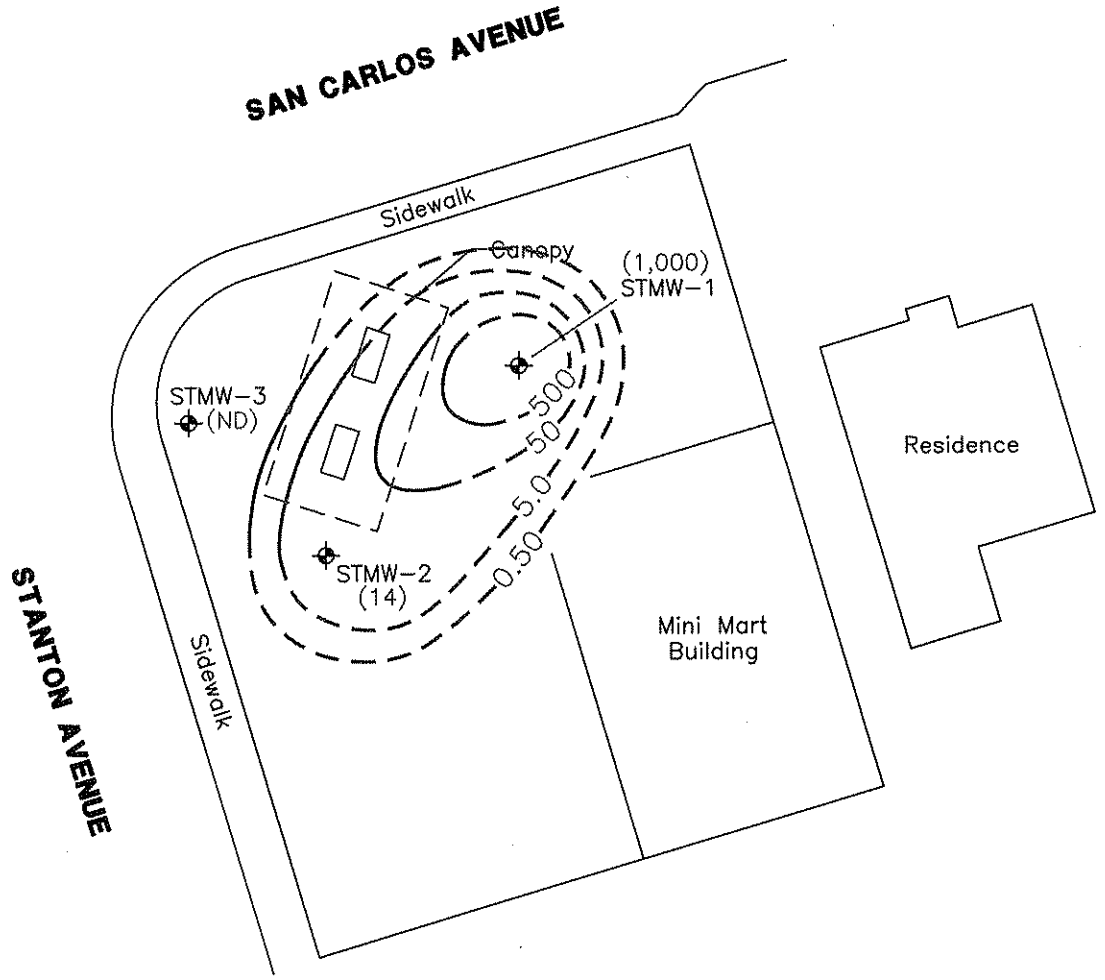
- Monitoring Well Location
- (85) Concentration Of Benzene In Groundwater Measured In ug/L
- 50 Line Of Equal Concentration Of Benzene In Groundwater Measured In ug/L; Dashed Where Inferred
- (ND) Not Detected

N

0 30 60

Approximate Scale
1 inch = 30 feet

APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 10/29/07 REVISIONS	**BENZENE IN GROUNDWATER ISOCONCENTRATION MAP: SEPTEMBER 28, 2007** Stop 'N' Save 20570 Stanton Avenue Castro Vallley, California	FIGURE **5** PROJECT NUMBER: STS08.001



LEGEND

- Monitoring Well Location
- (1,000) Concentration Of MTBE In Groundwater Measured In ug/L
- 500 Line Of Equal Concentration Of MTBE In Groundwater Measured In ug/L; Dashed Where Inferred
- (ND) Not Detected

N

0 30 60

Approximate Scale
1 inch = 30 feet

APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 10/29/07 REVISIONS	**MTBE IN GROUNDWATER ISOCONCENTRATION MAP: SEPTEMBER 28, 2007** Stop 'N' Save 20570 Stanton Avenue Castro Vallley, California	FIGURE **6** PROJECT NUMBER: STS08.001

TABLES

TABLE 1
WELL CONSTRUCTION DETAILS
Stop 'N' Save
20570 Stanton Avenue
Castro Valley, California

Well Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Filter Pack Interval (feet)
STMW-1	10/2000	97.93	PVC	23	23	2	9-23	8-23
STMW-2	10/2000	99.04	PVC	23	22	2	9-22	8-22
STMW-3	10/2000	99.60	PVC	23	22	2	9-22	8-22

Notes:
TOC = Top of Casing

TABLE 2
GROUNDWATER ELEVATION DATA
Stop 'N' Save
20570 Stanton Avenue
Castro Valley, California

Monitoring Well	Date	Reference Elevation*	Depth to Groundwater	Groundwater Elevation	Groundwater Flow Direction
STMW-1	10/4/00	97.93	8.34	89.59	---
	1/4/01		7.86	90.07	---
	3/16/04		5.70	92.23	---
	7/5/04		4.82	93.11	---
	12/28/04		6.82	91.11	---
	3/24/05		5.63	92.30	---
	7/20/05		5.75	92.18	---
	9/15/05		7.44	90.49	---
	12/12/05		5.32	92.61	---
	3/16/06		3.90	94.03	---
	6/22/06		7.12	90.81	---
	9/21/06		7.78	90.15	---
	12/18/06		9.12	88.81	---
	3/22/07		6.82	91.11	---
	6/29/07		9.86	88.07	E
	9/28/07		6.88	91.05	NE
STMW-2	10/4/00	99.04	8.22	90.82	---
	1/4/01		6.70	92.34	---
	3/16/04		6.08	92.96	---
	7/5/04		6.86	92.18	---
	12/28/04		6.22	92.82	---
	3/24/05		5.12	93.92	---
	7/20/05		5.66	93.38	---
	9/15/05		6.14	92.90	---
	12/12/05		6.68	92.36	---
	3/16/06		5.54	93.50	---
	6/22/06		6.02	93.02	---
	9/21/06		6.94	92.10	---
	12/18/06		6.46	92.58	---
	3/22/07		6.16	92.88	---
	6/29/07		9.06	89.98	E
	9/28/07		7.63	91.41	NE
STMW-3	10/4/00	99.60	8.42	91.18	---
	1/4/01		6.16	93.44	---
	3/16/04		7.18	92.42	---
	7/5/04		6.27	93.33	---
	12/28/04		5.64	93.96	---
	3/24/05		5.12	94.48	---
	7/20/05		5.50	94.10	---
	9/15/05		5.56	94.04	---
	12/12/05		6.26	93.34	---
	3/16/06		5.14	94.46	---
	6/22/06		5.92	93.68	---
	9/21/06		6.14	93.46	---
	12/18/06		5.50	94.10	---
	3/22/07		5.88	93.72	---
	6/29/07		8.82	90.78	E
	9/28/07		8.14	91.46	NE

NOTES

* -Wells surveyed to mean sea level

TABLE 3
GROUNDWATER ANALYTICAL DATA
Stop 'N' Save
20570 Stanton Avenue
Castro Valley, California

Sample ID	Date	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	Total Xylenes (ug/L)	Five Oxygenates by EPA Method 8260					Lead Scavengers	
							DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)
STMW-1	10/4/00	60,000	<2,500	<2,500	<2,500	<2,500	---	---	69,000	---	<10,000	---	---
	1/4/01	71,000	<5,000	<5,000	<5,000	<5,000	---	---	89,000	---	<20,000	---	---
	3/16/04	260	52	64	7.9	27	---	---	39	---	<10	---	---
	7/5/04	2,100	17	240	2.6	12	---	---	520	---	<50	---	---
	12/28/04	310	89	90	11	43	---	---	32	---	<20	---	---
	3/24/05	630	43	140	16	110	---	---	20	---	<20	---	---
	7/20/05	330b	12	22	<2.5	9.3	---	---	310	---	<50	---	---
	9/15/05	15,000	<100	<100	<100	<100	---	---	13,000	---	2,500	---	---
	12/12/05	130	4.4	7.5	<1.0	3	---	---	170	---	100	---	---
	3/16/06	<50	0.9	3.3	<0.5	<0.5	---	---	21	---	<10	---	---
	6/22/06	130	4.4	54	<1.0	7.1	---	---	70	---	<20	---	---
	9/21/06	880	110	32	18	110	---	---	1,600	---	2,300	---	---
	12/18/06	240	7.5	130	1.4	7.6	---	---	130	---	180	---	---
	3/22/07	190	17	13	2.9	14	---	---	360	---	170	---	---
	6/29/07	2,700	340	45	52	310	---	---	3,100	---	2,200	---	---
	9/28/07	**1,000**	**85**	**2.5**	**11**	**72**	<2.5	<2.5	**1,000**	<2.5	**5,300**	<2.5	<2.5
STMW-2	10/4/00	69	<5.0	<5.0	<5.0	<5.0	---	---	66	---	<20	---	---
	1/4/01	110	<5.0	<5.0	<5.0	<5.0	---	---	120	---	<20	---	---
	3/16/04	1,100a	<10	<10	<10	<20	---	---	1,700	---	<200	---	---
	7/5/04	1,800b	<10	<10	<10	<20	---	---	1,800	---	<200	---	---
	12/28/04	1,000b	<13	<13	<13	<13	---	---	1,400	---	<250	---	---
	3/24/05	760	<5.0	<5.0	<5.0	<5.0	---	---	930	---	180	---	---
	7/20/05	64	<1.0	<1.0	<1.0	<1.0	---	---	43	---	920	---	---
	9/15/05	53	<1.0	<1.0	<1.0	<1.0	---	---	88	---	130	---	---
	12/12/05	<50	2.2	<0.5	0.6	<0.5	---	---	23	---	22	---	---
	3/16/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	34	---	150	---	---
	6/22/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	12	---	200	---	---
	9/21/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	16	---	41	---	---
	12/18/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	15	---	71	---	---
	3/22/07	<50	<0.5	<0.5	<0.5	<0.5	---	---	15	---	71	---	---
	6/29/07	<50	<0.5	<0.5	<0.5	<0.5	---	---	14	---	<10	---	---
	9/28/07	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	**14**	<0.5	<5.0	<0.5	<0.5
STMW-3	10/4/00	<50	<5.0	<5.0	<5.0	<5.0	---	---	<5.0	---	<20	---	---
	1/4/01	<50	<5.0	<5.0	<5.0	<5.0	---	---	<5.0	---	<20	---	---
	3/16/04	<50	<0.5	<0.5	<.5	<1.0	---	---	2.8	---	<10	---	---
	7/5/04	<25	<0.5	<0.5	<0.5	<1.0	---	---	2.5	---	<10	---	---
	12/28/04	<25	<0.5	<0.5	<0.5	<0.5	---	---	2.0	---	<10	---	---
	3/24/05	<25	<0.5	<0.5	<0.5	<0.5	---	---	1.4	---	<10	---	---
	7/20/05	<50	<0.5	<0.5	<0.5	<0.5	---	---	1.5	---	<10	---	---
	9/15/05	<50	<0.5	<0.5	<0.5	<0.5	---	---	1.2	---	<10	---	---
	12/12/05	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<0.5	---	---
	3/16/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<10	---	---
	6/22/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<10	---	---
	9/21/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<10	---	---
	12/18/06	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<10	---	---
	3/22/07	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<10	---	---
	6/29/07	<50	<0.5	<0.5	<0.5	<0.5	---	---	<1.0	---	<10	---	---
	9/28/07	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5

NOTES:

TPH - Total Petroleum Hydrocarbons
MTBE - Methyl Tertiary Butyl Ether
TBA - Tertiary Butyl Alcohol
DIPE - Di-isopropyl Ether
EDB - Ethylene Dibromide
ETBE - Ethyl Tertiary Butyl Ether
TAME - Tertiary Amyl Methyl Ether
1,2-DCA - 1,2-Dichloroethane
a -No other indication of gasoline besides MTBE
ug/L - micrograms per Liter
b -TPH as gasoline reported value due to high concentration of MTBE present in the TPHg quantitation range

APEX ENVIROTECH, INC.
THIRD QUARTER 2007
STS08.001

APPENDIX A

APEX STANDARD OPERATING PROCEDURES

APEX ENVIROTECH, INC.
STANDARD OPERATING PROCEDURES
Quarterly Monitoring Reports

SOP – 4
SAMPLE IDENTIFICTION AND CHAIN-OF CUSTODY PROCUDURES

Sample identification and chain-of-custody procedures ensure sample integrity as well as document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, other pertinent field observations also recorded on the field excavation or boring logs.

Chain-of-custody forms are used to record possession of the sample from time of collection to arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis.

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded.

SOP – 5
LABORATORY ANALYTICAL QUALITY ASSURANCE AND CONTROL

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the laboratory Quality Assurance/Quality Control program include:

1. Participation in state and federal laboratory accreditation/certification programs;
2. Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;
3. Standard operating procedures describing routine and periodic instrument maintenance;
4. "out-of-Control"/Corrective Action documentation procedures; and,
5. Multi-level review of raw data and client reports.

SOP – 7
GROUNDWATER PURGING AND SAMPLING

Prior to water sampling, each well is purged by evacuating a minimum of three wetted well-casing volumes of groundwater. When required, purging will continue until either the discharge water temperature, conductivity, or pH stabilize, a maximum of ten wetted-casing volumes of groundwater have been recovered, or the well is bailed dry.

When practical, the groundwater sample should be collected when the water level in the well recovers to at least 80 percent of its static level.

The sampling equipment consists of either a "Teflon" bailer, PVC bailer, or stainless steel bladder pump with a "Teflon" bladder. If the sampling system is dedicated to the well, then the bailer is usually "Teflon," but the bladder pump is PVC with a polypropylene bladder. In general and depending on the intended laboratory analysis, 40-milliliter glass, volatile organic analysis (VOA) vials, with "Teflon" septa, are used as sample containers.

SOP – 12
MEASURING LIQUID LEVELS USING WATER LEVEL METER OR INTERFACE PROBE

Field equipment used for liquid-level gauging typically includes the measuring instrument (water-level meter or interface probe and product bailer(s)). The field kit also includes cleaning supplies (buckets, solution, spray bottles, and deionized water) to be used in cleaning the equipment between wells.

Prior to measurements, the instrument tip is lowered into the well until it touches bottom. Using the previously established top-of-casing or top-of-box (i.e., wellhead vault) point, the probe cord (or halyard) is marked and a measuring tape (graduated in hundredths of a foot) is used to determine the distance between the probe end and the marking on the cord. This measurement is then recorded on the liquid-level data sheet as the "Measured Total Depth" of the well.

When necessary in using the interface probe to measure liquid levels, the probe is first electrically grounded to either the metal stove pipe or another metal object nearby. When no ground is available, reproducible measurements can be obtained by clipping the ground lead to the handle of the interface probe case.

The probe tip is then lowered into the well and submerged in the groundwater. An oscillating (beeping) tone indicates the probe is in water. The probe is slowly raised until either the oscillating tone ceases or becomes a steady tone. In either case, this is the depth-to-water (DTW) indication of the DTW measurement is made accordingly. The steady tone indicates floating liquid hydrocarbons (FLH). In this case, the depth-to-product (DTP) indication and the DTP measurement is made accordingly.

The process of lowering and raising the probe must be repeated several times to ensure accurate measurements. The DTW and DTP measurements are recorded on the liquid-level data sheet. When FLH are indicated by the probe's response, a product bailer is lowered partially through the FLH water interface to confirm the FLH thickness, particularly in cases where the FLH layer is quite thin. This measurement is recorded on the data sheet as "FLH thickness."

In order to avoid cross-contamination of wells during the liquid-level measurement process, wells are measured in the order of "clean" to "dirty" (where such information is available). In addition, all measurement equipment is cleaned with solution and thoroughly rinsed with deionized water before use, between measurements in respective wells, and at the completion of the day's use.

APPENDIX B

FIELD DATA SHEETS

GROUNDWATER LEVEL DATA SHEET

APEX ENVIROTECH, INC.

Project No : SNS08.001
Date: 9/28/07
Recorded By: TRW

Purge Volume

Well ID	TD ~~Time~~ / DTW	Depth to Bottom	Depth to Water	Depth to Product	Product Thickness	Product Thickness X 0.8	~~Adjusted~~ Depth to Water	Comments
STMW-3	23 / 6	20.91	8.14				6.13	
STMW-2	23 / 6	21.13	7.63				6.48	
STMW-1	23 / 6	21.45	6.88				6.99	
							19.60	

Notes: STMW-1 - lock / expansion cap - no good
STMW-2 - no lock / slip cap
STMW-3 - no lock / slip cap

Empty Drums:

Full Drums:

PURGE/DEVELOPMENT LOG

SITE INFORMATION

Project Name: Stop-N-Save #108 **Project #:** SNS08.001 **Well ID:** SMW-1
Project Manager: Drew Van Allen **Task #:** 1 **Date:** 9/28/07
Recorded by: Tamera Rogers **Type of Well:** Monitoring
Project Address: 20570 Stanton Avenue, Castro Valley, CA

PURGE VOLUME

Well Casing Diameter: X 2-inch ____ 4-inch ____ other
Well Total Depth: 21.45 feet below Top of Casing, TD
Depth to Water: 6.88 feet below Top of Casing, WL
Water Column Length: ____ feet
Purge Volume Calculation (Water Column Length x Multiplier x No Volumes = Purge Volume)

14.57 (Water Column Length) x 0.16 (Multiplier) x 3 (No Volumes) = 6.99 gallons

Multiplier: Casing Diameter (inches) = Gallons/linear foot: 2 = 0.16, 4 = 0.65, 6 = 1.5, 8 = 2.5

PURGE METHOD

____ Disposable Bailer
____ PVC Bailer
____ Submersible Pump
____ Centrifugal Pump
____ Other

SAMPLE METHOD

____ Disposable Bailer
____ Pump
____ Grab
____ Other

TIME	TEMP (deg. C)	pH	COND (uS/cm)	DO (mg/L)	REDOX (mV)	TOTAL VOLUME PURGED	COMMENTS
12:10	17.1	6.99	0.0			2.25	
1215	15.7	6.90	0.0			4.50	
1220						7.0	went dry
							sampled @ 12:50

Notes:

Drum Count:

PURGE/DEVELOPMENT LOG

SITE INFORMATION

Project Name:	Stop-N-Save #108	**Project #:**	SNS08.001	**Well ID:**	STMW-2
Project Manager:	Drew Van Allen	**Task #:**	1	**Date:**	9/28/07
Recorded by:	Tamera Rogers	**Type of Well:**	Monitoring		
Project Address:	20570 Stanton Avenue, Castro Valley, CA				

PURGE VOLUME

Well Casing Diameter: X 2-inch ____ 4-inch ____ other

Well Total Depth: 21.13 feet below Top of Casing, TD

Depth to Water: 7.63 feet below Top of Casing, WL

Water Column Length: 13.50 feet

Purge Volume Calculation (Water Column Length x Multiplier x No Volumes = Purge Volume)

13.50 (Water Column Length) x 0.16 (Multiplier) x 3 (No Volumes) = 6.48 gallons

Multiplier: Casing Diameter (inches) = Gallons/linear foot: 2 = 0.16, 4 = 0.65, 6 = 1.5, 8 = 2.5

PURGE METHOD

____ Disposable Bailer
____ PVC Bailer
____ Submersible Pump
____ Centrifugal Pump
____ Other

SAMPLE METHOD

____ Disposable Bailer
____ Pump
____ Grab
____ Other

TIME	TEMP. (deg. C)	pH	COND. (uS/cm)	DO (mg/L)	REDOX (mV)	TOTAL VOLUME PURGED	COMMENTS
1150	16.6	6.80	0.0			2.0	
1155	16.9	6.86	0.0			4.25	
1200	16.7	6.87	0.0			6.50	Sampled @ 1240

Notes:

Drum Count:

PURGE/DEVELOPMENT LOG

SITE INFORMATION

Project Name: Stop-N-Save #108 **Project #:** SNS08.001 **Well ID:** SMW-3
Project Manager: Drew Van Allen **Task #:** 1 **Date:** 9/28/07
Recorded by: Tamera Rogers **Type of Well:** Monitoring
Project Address: 20570 Stanton Avenue, Castro Valley, CA

PURGE VOLUME

Well Casing Diameter: X 2-inch ____ 4-inch ____ other
Well Total Depth: 20.91 feet below Top of Casing, TD
Depth to Water: 8.14 feet below Top of Casing, WL
Water Column Length: 12.77 feet
Purge Volume Calculation (Water Column Length x Multiplier x No. Volumes = Purge Volume)

12.77 (Water Column Length) x 0.16 (Multiplier) x 3 (No. Volumes) = 6.13 gallons

Multiplier: Casing Diameter (inches) = Gallons/linear foot: 2 = 0 16, 4 = 0 65, 6 = 1.5, 8 = 2 5

PURGE METHOD

____ Disposable Bailer
____ PVC Bailer
____ Submersible Pump
____ Centrifugal Pump
____ Other

SAMPLE METHOD

____ Disposable Bailer
____ Pump
____ Grab
____ Other

TIME	TEMP. (deg C)	pH	COND. (uS/cm)	DO (mg/L)	REDOX (mV)	TOTAL VOLUME PURGED	COMMENTS
11:30	19.1	6.13	0.0			2.0	
11:35	19.3	6.37	0.0			4.0	
11:40	16.5	6.55	2.3			6.0	Sampled @ 12:30

Notes:

Drum Count:

APPENDIX C

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM

argon laboratories

08 October 2007

Drew Van Allen
Apex Envirotech, Inc.
3446 North Golden State Blvd., Suite C
Turlock, CA 95382

RE: Stop-N-Save #108 Project Data

Enclosed are the results for sample(s) received on 09/28/07 17:00 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto
Lab Manager

2905 Railroad Avenue, Ceres, CA 95307 • Phone (209) 581-9280 • Fax (209) 581-9282
email: info@argonlabs.com

H709093

Argon Analytical Services, Inc.

CHAIN OF CUSTODY

Project Information:		Report To:		Samples Submitted To:	
Project No:	SNS08.001	Consultant:	Apex Envirotech, Inc.	Laboratory:	Argon Labs
Project Title:	Stop-N-Save #108	Address:	3446 North Golden State Boulevard, Suite C	Address:	2905 Railroad Avenue
Location:	20570 Stanton Avenue		Turlock, CA 95382		Ceres, CA 95307
	Castro Valley, CA	Contact:	Drew Van Allen	Contact:	
Sampler's Name:		Phone:	209 667-6874	Phone:	(209) 581-9280
(print)	Tamera Rogers	Fax:	209 667-9668	Fax:	(209) 581-9282
Sampler's Signature:		Bill To:		Global ID #:	T0600183405
		Client:	Apex Envirotech, Inc.	Date Report Required:	
		Address:	3446 North Golden State Boulevard, Suite C		
			Turlock, CA 95382		

TURN AROUND TIME				
RUSH	24 Hour	48 Hour	Standard (5 days)	Special (10-14 days)
☐	☐	☐	☐	☒

Sample ID.	Field Pt.	Date	Time	# Containers	Matrix	TPHg/BTEX/5 oxygenates/1,2-DCA/EDB by 8260B	EDF Reports	COMMENTS: Preservative	
STMW-1	STMW-1	9/28/07	12:30	4	Water	X	X	Hcl, ice	-01
STMW-2	STMW-2	9/28/07	12:40	4	Water	X	X	Hcl, ice	-02
STMW-3	STMW-3	9/28/07	12:50	4	Water	X	X	Hcl, ice	-03

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	SPECIAL INSTRUCTIONS:
	9/28/07	17:00	Christine Rees	9/28/07	17:00	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

H0407-2666

Argon Laboratories Sample Receipt Checklist

Client Name: Apex Envirotech, Inc. Date & Time Received: 09/28/07 17:00

Project Name: Stop-N-Save Client Project Number: SNS08.001

Received By: CR Matrix: Water ☑ Soil ☐ Sludge ☐

Sample Carrier: Client ☐ Laboratory ☑ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number: H709093

Shipper Container in good condition? N/A_____ Yes ☑ No ☐

Samples received under refrigeration? Yes ☑ No ☐

Chain of custody present? Yes ☑ No ☐

Chain of Custody signed by all parties? Yes ☑ No ☐

Chain of Custody matches all sample labels? Yes ☑ No ☐

Samples received in proper containers? Yes ☑ No ☐

Samples received intact? Yes ☑ No ☐

Sufficient sample volume for requested tests? Yes ☑ No ☐

Samples received within holding time? Yes ☑ No ☐

Do samples contain proper preservative? N/A ☐ Yes ☑ No ☐

Do VOA vials contain zero headspace? (None submitted ☐) Yes ☑ No ☐

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments:

♥ ♣ ♦ ♠

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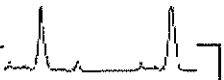

Apex Envirotech, Inc.
3446 North Golden State Blvd., Suite C
Turlock, CA 95382

Project Number: SNS08.001
Project Name: Stop-N-Save #108
Project Manager: Drew Van Allen

Work Order No.:
H709093

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
STMW-1	H709093-01	Water	09/28/07 12:30	09/28/07 17:00
STMW-2	H709093-02	Water	09/28/07 12:40	09/28/07 17:00
STMW-3	H709093-03	Water	09/28/07 12:50	09/28/07 17:00

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

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Apex Envirotech, Inc.	Project Number: SNS08.001	
3446 North Golden State Blvd., Suite C	Project Name: Stop-N-Save #108	Work Order No.:
Turlock, CA 95382	Project Manager: Drew Van Allen	H709093

TPH-gas & Volatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
STMW-1 (H709093-01) Water Sampled: 28-Sep-07 12:30 Received: 28-Sep-07 17:00							
Total Petroleum Hydrocarbons @ Gasoline	**1000**	250	ug/L	5	05-Oct-07	EPA 8260B	
Benzene	**85**	2.5	"	"	"	"	
Toluene	**2.5**	2.5	"	"	"	"	
Xylenes, total	**72**	5.0	"	"	"	"	
Ethyl Benzene	**11**	2.5	"	"	"	"	
t-Butanol	**5300**	25	"	"	"	"	
Methyl tert-Butyl Ether	**1000**	2.5	"	"	"	"	
Di-Isopropyl Ether	ND	2.5	"	"	"	"	
Ethyl tert-Butyl Ether	ND	2.5	"	"	"	"	
tert-Amyl Methyl Ether	ND	2.5	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	
Surr. Rec.:		*97 %*			"	"	
STMW-2 (H709093-02) Water Sampled: 28-Sep-07 12:40 Received: 28-Sep-07 17:00							
Total Petroleum Hydrocarbons @ Gasoline	ND	50	ug/L	1	05-Oct-07	EPA 8260B	
Benzene	ND	0.5	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	
Ethyl Benzene	ND	0.5	"	"	"	"	
t-Butanol	ND	5.0	"	"	"	"	
Methyl tert-Butyl Ether	**14**	0.5	"	"	"	"	
Di-Isopropyl Ether	ND	0.5	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	
Surr. Rec.:		*100 %*			"	"	

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Apex Envirotech, Inc.	Project Number: SNS08.001	
3446 North Golden State Blvd., Suite C	Project Name: Stop-N-Save #108	Work Order No.:
Turlock, CA 95382	Project Manager: Drew Van Allen	H709093

TPH-gas & Volatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
STMW-3 (H709093-03) Water Sampled: 28-Sep-07 12:50 Received: 28-Sep-07 17:00							
Total Petroleum Hydrocarbons @ Gasoline	ND	50	ug/L	1	05-Oct-07	EPA 8260B	
Benzene	ND	0.5	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	
Xylenes, total	ND	1.0	"	"	"	"	
Ethyl Benzene	ND	0.5	"	"	"	"	
t-Butanol	ND	5.0	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	
Di-Isopropyl Ether	ND	0.5	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.5	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.5	"	"	"	"	
1,2-Dichloroethane	ND	0.5	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	
Surr. Rec.:		*110 %*			"	"	

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Apex Envirotech, Inc.	Project Number: SNS08.001	
3446 North Golden State Blvd., Suite C	Project Name: Stop-N-Save #108	Work Order No.:
Turlock, CA 95382	Project Manager: Drew Van Allen	H709093

TPH-gas & Volatile Organic Compounds by GC/MS - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch HQJ0040 - EPA 5030B										
Blank (HQJ0040-BLK1)				Prepared & Analyzed: 10/05/07						
Surrogate: Fluorobenzene	*45.5*		*ug/L*	*50.0*		*91*	*70-130*			
Total Petroleum Hydrocarbons @ Gasoline	ND	50	"							
Benzene	ND	0.5	"							
Toluene	ND	0.5	"							
Xylenes, total	ND	1.0	"							
Ethyl Benzene	ND	0.5	"							
t-Butanol	ND	5.0	"							
Methyl tert-Butyl Ether	ND	0.5	"							
Di-Isopropyl Ether	ND	0.5	"							
Ethyl tert-Butyl Ether	ND	0.5	"							
tert-Amyl Methyl Ether	ND	0.5	"							
LCS (HQJ0040-BS1)				Prepared & Analyzed: 10/05/07						
Methyl tert-Butyl Ether	49.2		ug/L	50.0		98	80-120			
LCS Dup (HQJ0040-BSD1)				Prepared & Analyzed: 10/05/07						
Methyl tert-Butyl Ether	46.8		ug/L	50.0		94	80-120	5	20	
Matrix Spike (HQJ0040-MS1)		**Source: H710001-08**		Prepared & Analyzed: 10/05/07						
Total Petroleum Hydrocarbons @ Gasoline	1060		ug/L	1000	ND	106	70-130			
Matrix Spike Dup (HQJ0040-MSD1)		**Source: H710001-08**		Prepared & Analyzed: 10/05/07						
Total Petroleum Hydrocarbons @ Gasoline	970		ug/L	1000	ND	97	70-130	9	20	

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Apex Envirotech, Inc.	Project Number: SNS08.001	
3446 North Golden State Blvd., Suite C	Project Name: Stop-N-Save #108	Work Order No.:
Turlock, CA 95382	Project Manager: Drew Van Allen	H709093

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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